



SPLIT-CHANNEL HIGH ELECTRON MOBILITY TRANSISTOR (HEMT) DEVICE

Philbert F. Marsh et al.

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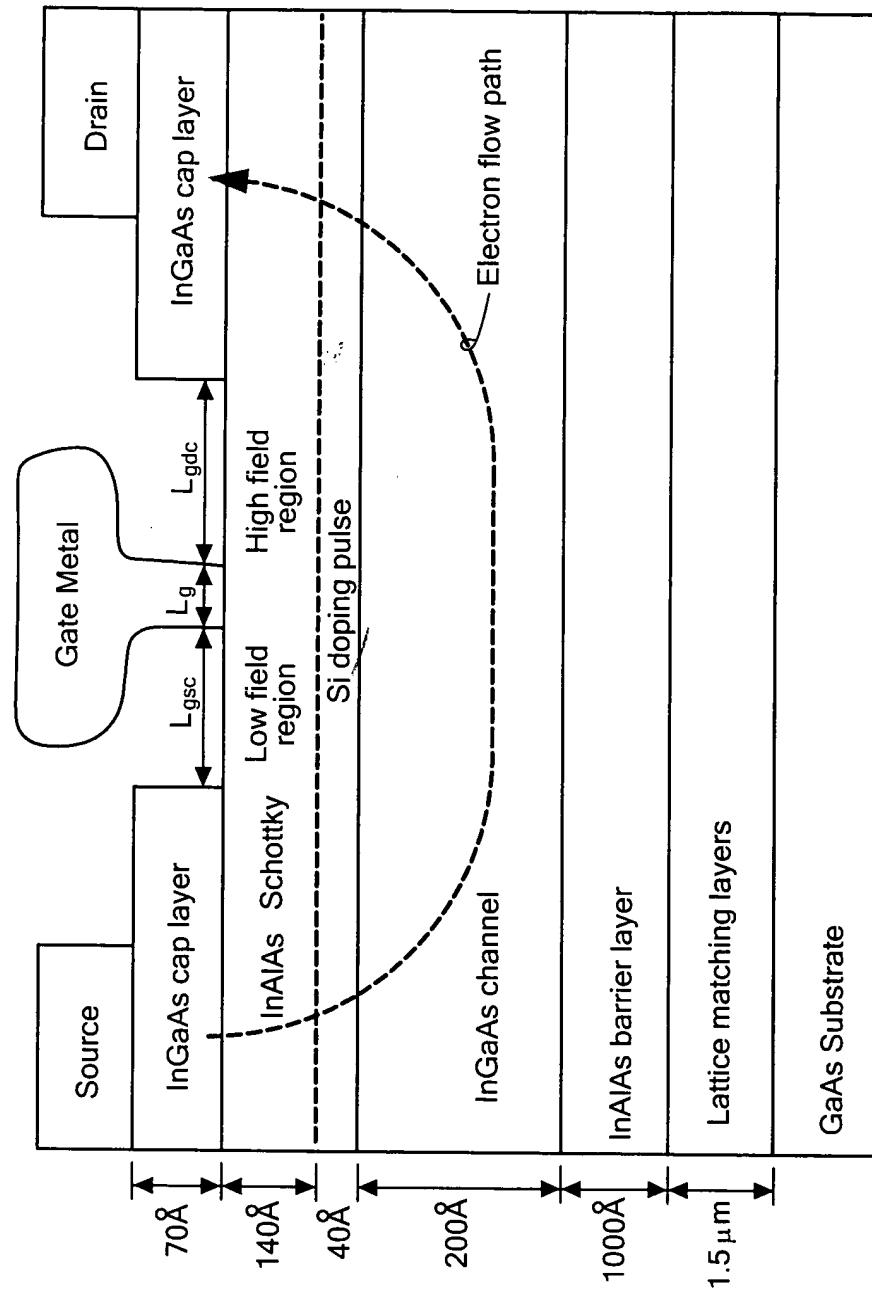


FIG. 1

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MHEMT Family of I-V Curves

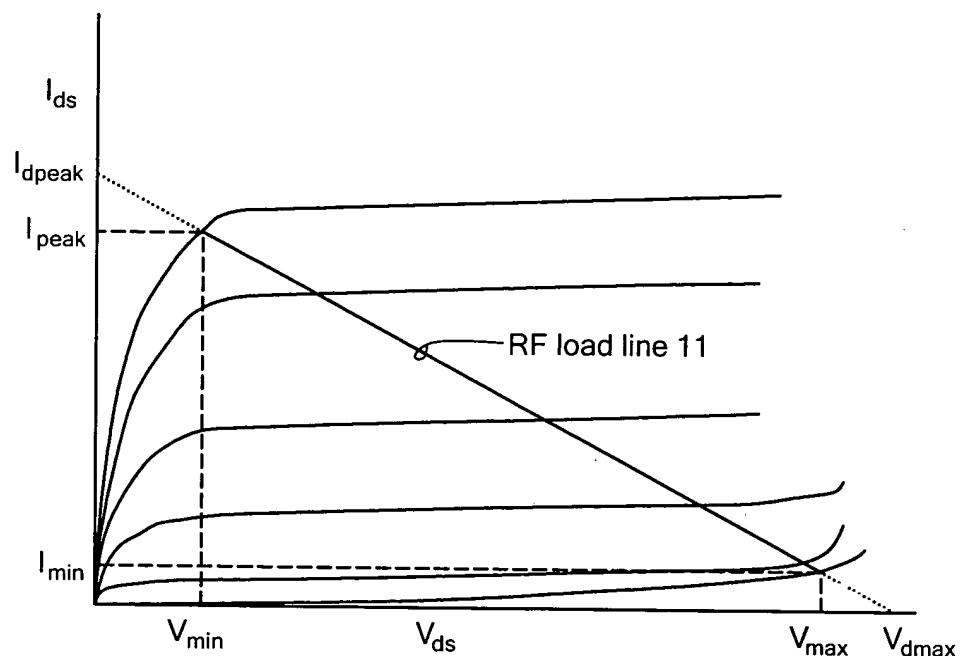


FIG. 2

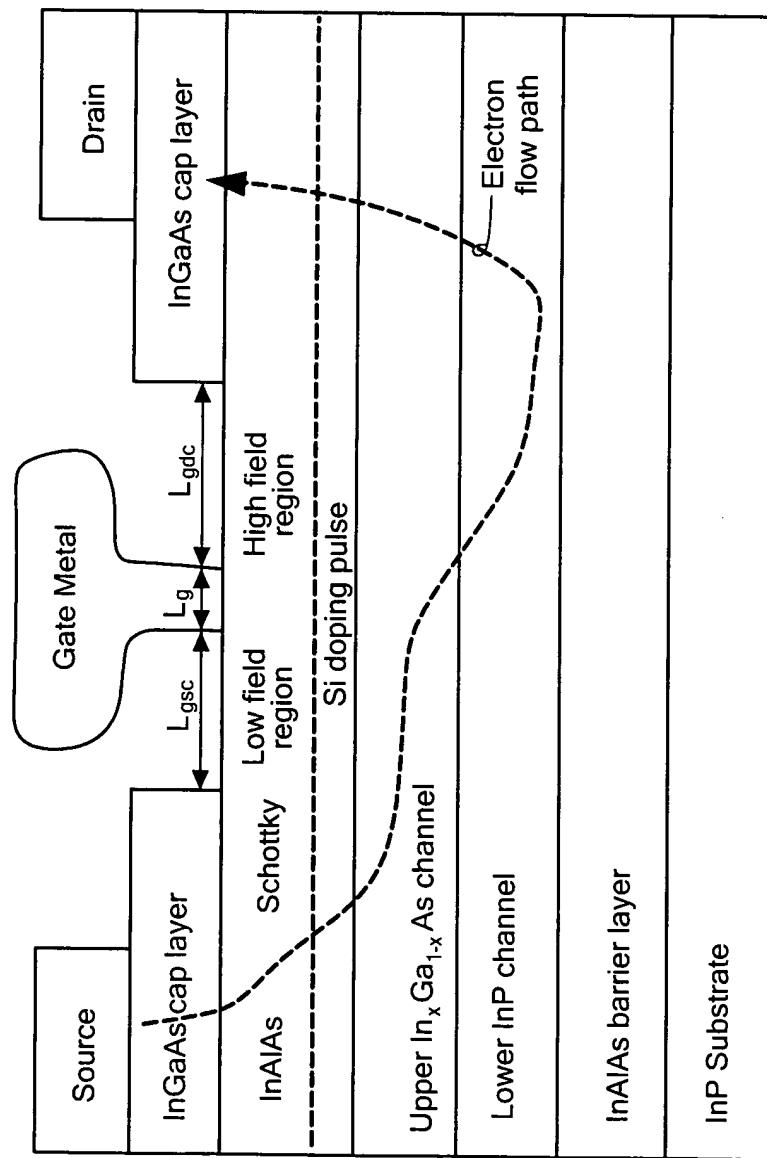


FIG. 3

SPLIT-CHANNEL HIGH ELECTRON MOBILITY TRANSISTOR (HEMT) DEVICE

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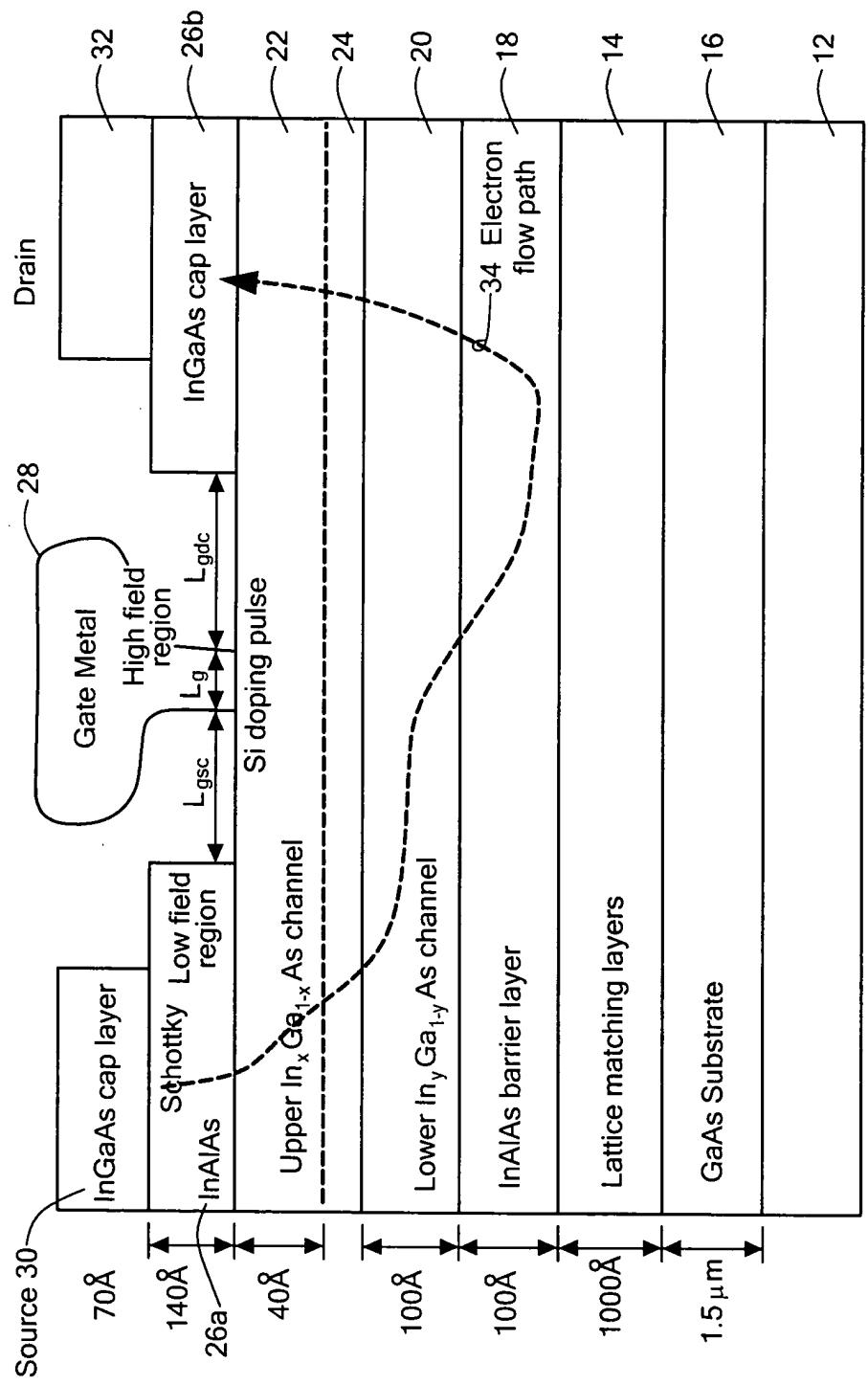


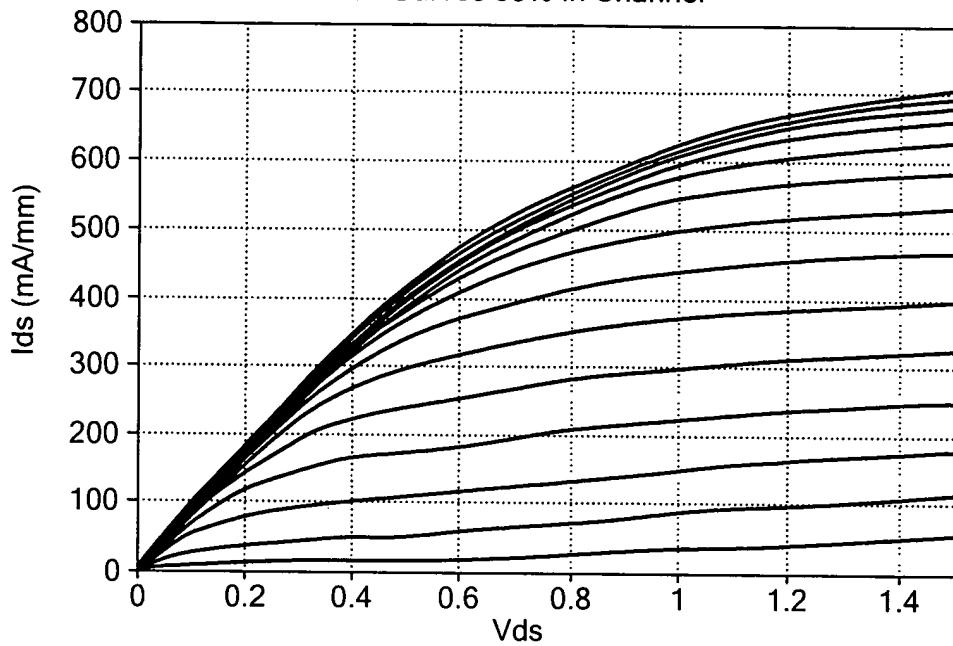
FIG. 4

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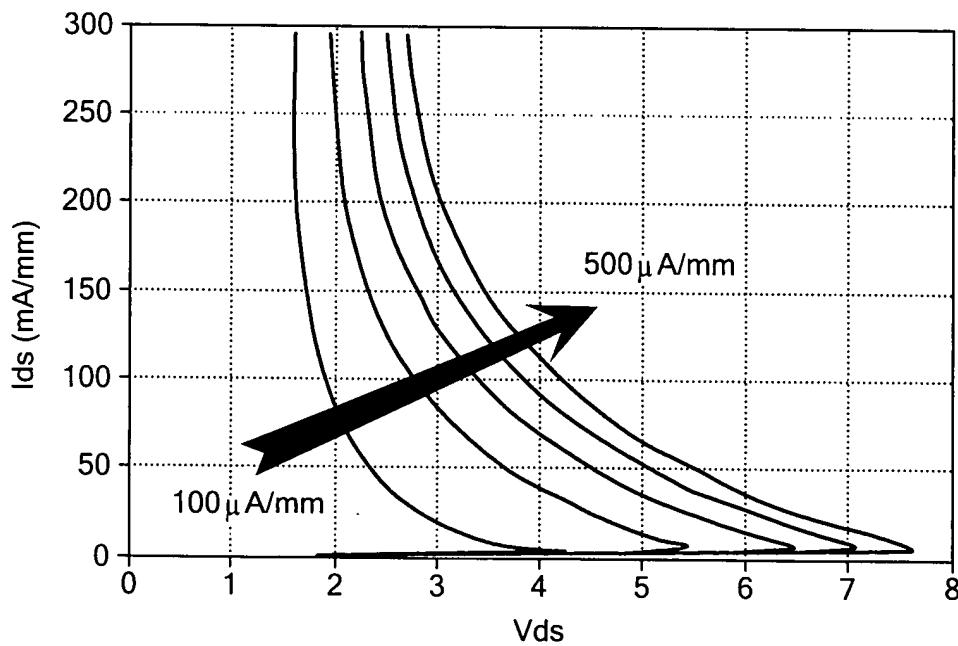
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XO2M124-2 postgate

IV Curves 53% In Channel



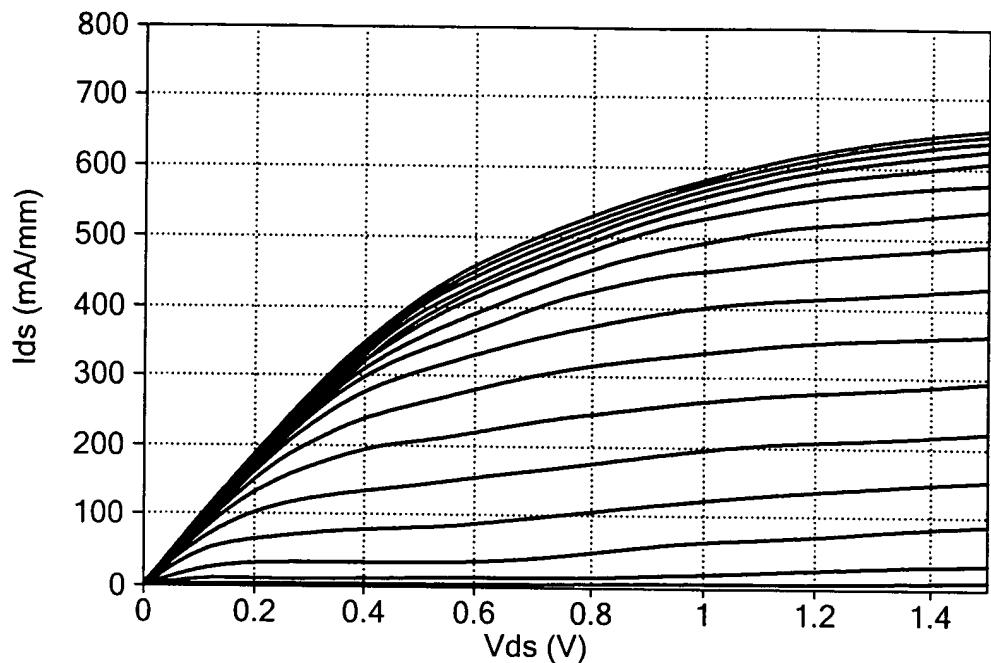
On-State Breakdown Curves 53% In Channel

**FIG. 5**

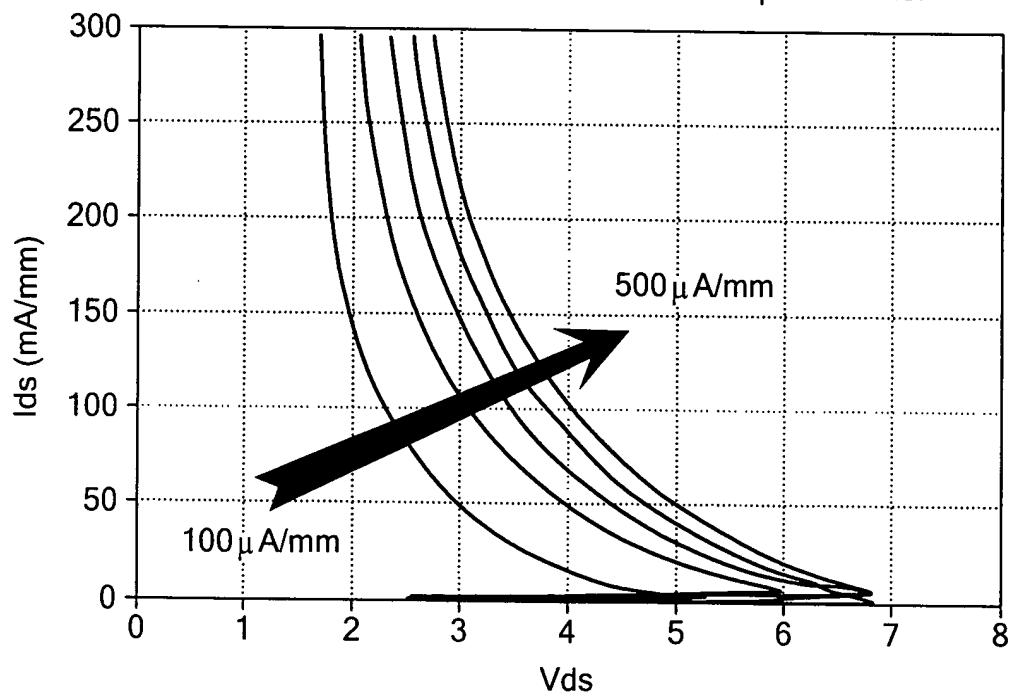
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XO2M124-3 postgate

IV Curves 43/53% Split Channel



On-State Breakdown Curves 43/53% Split Channel

**FIG. 6**

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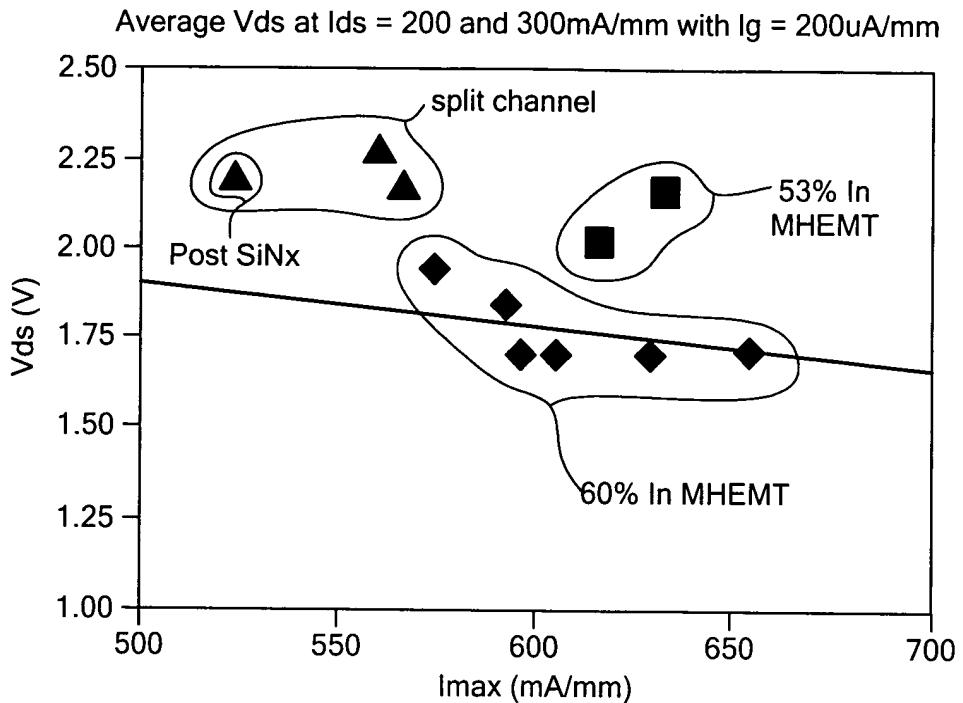


FIG. 7

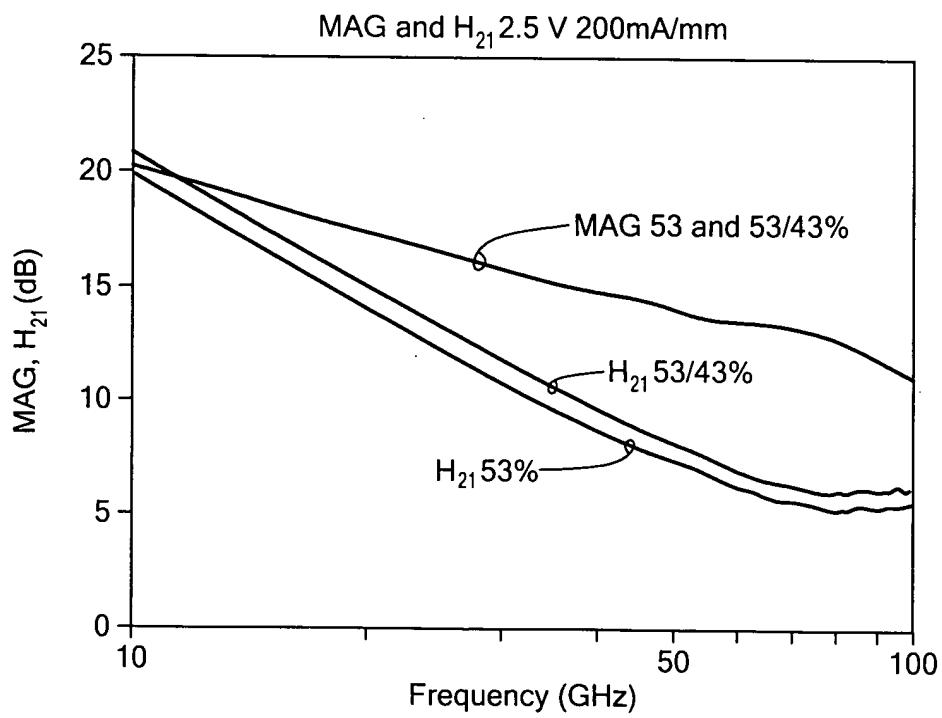
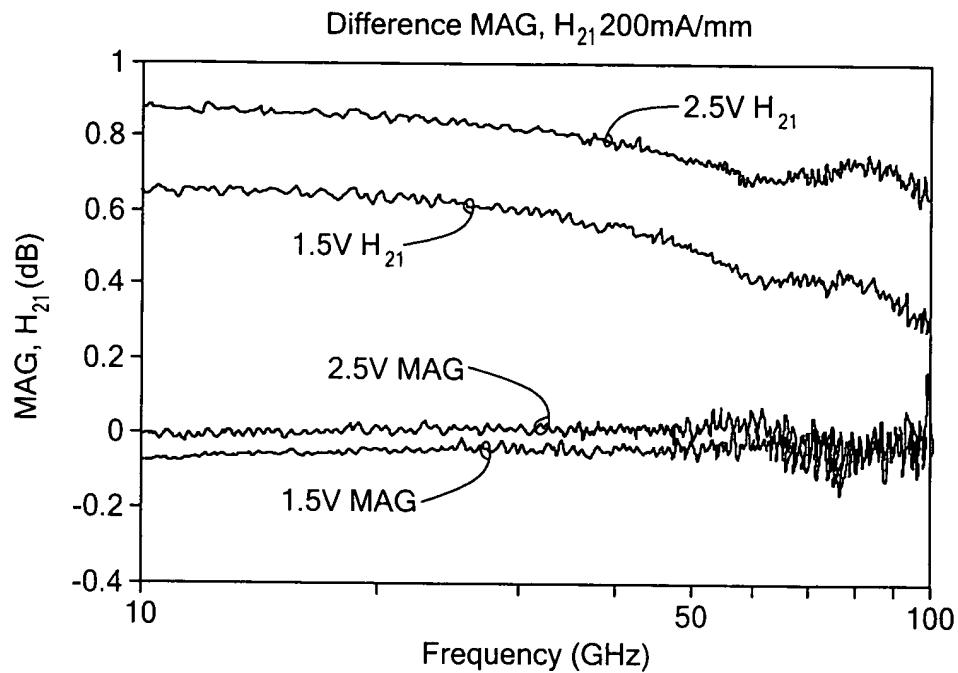
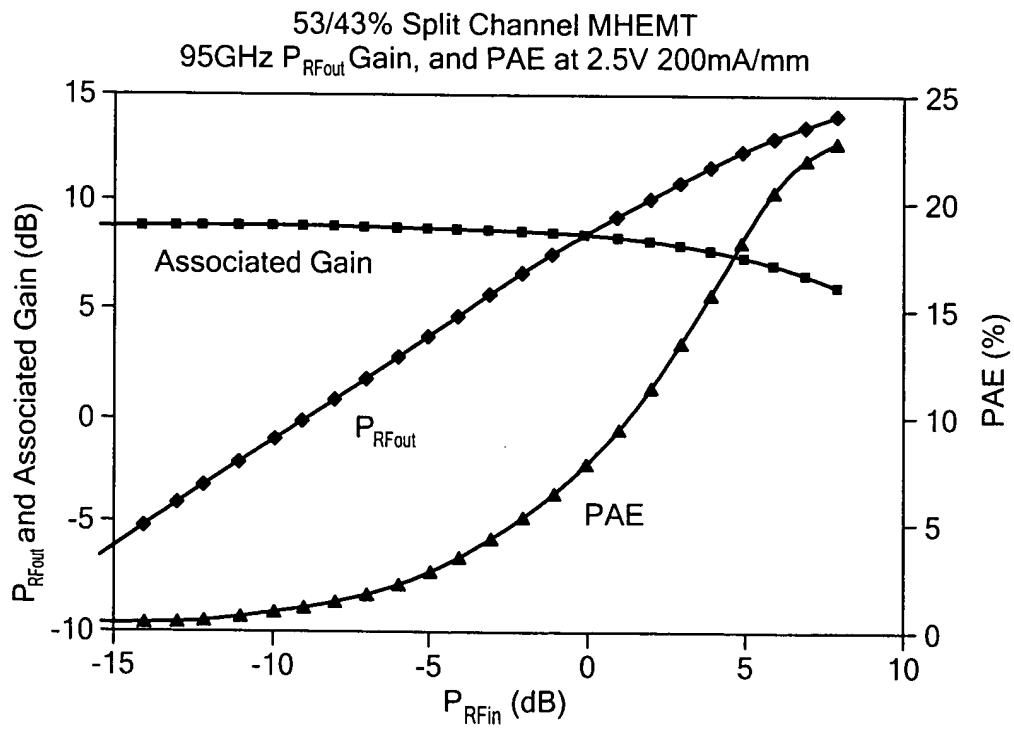


FIG. 8

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**FIG. 9****FIG. 10**